

# POLLUTION PREVENTION & THE BOTTOM LINE

MAY 1996

WORDS & WISDOM FROM THE NEW ENGLAND ENVIRONMENTAL ASSISTANCE TEAM

## ALL ABOUT NEEAT

The New England Environmental Assistance Team (NEEATeam) was founded in 1995 by EPA Region 1, New England to work with companies and municipalities in identifying their environmental needs and to provide information on:

- regulatory requirements,
- pollution prevention opportunities, and
- current EPA Region 1, New England issues.

The Team's focus this first year is working with:

- metal finishers,
- computer and electronics manufacturers,
- printers, and
- municipalities.

Pollution Prevention & the Bottom Line will provide you with information about our latest projects and other news of interest, and will be published periodically—as issues or items of interest arise.

ARE POLLUTION AND WASTE MAKING YOU LESS PROFITABLE?

WANT TO FIND OUT HOW REDUCING WASTE AT THE SOURCE CAN ENHANCE YOUR BOTTOM LINE—AND HELP THE ENVIRONMENT?

HAVE QUESTIONS ABOUT POLLUTION PREVENTION & CONTROL STRATEGIES?

FEDERAL ENVIRONMENTAL REQUIREMENTS?

CALL THE NEEATEAM.

THE PHONE CALL IS FREE.

SERVICES ARE FREE.

AND CONFIDENTIAL.

WE'RE AT 1.800.90NEEAT  
(1.800.906.3328).

## DEADLINE FOR CSO CONTROLS FAST APPROACHING

Communities served by combined sewer systems must report by January 1, 1997, on how the nine minimum control strategies on overflows (CSOs) are being implemented.

The controls are:

1. proper operation and regular maintenance programs for the sewer system and the combined sewer overflows,
2. maximum use of the collection system for storage,
3. review and modification of the pretreatment program to assure CSO impacts are minimized,
4. maximization of flow to the treatment facility for treatment,
5. prohibition of dry weather overflows from CSOs,
6. control of solid and floatable materials in CSO,
7. pollution prevention programs that focus on contaminant reduction activities,
8. public notification to ensure that the public receives adequate notification of CSO occurrences and impacts, and
9. monitoring to effectively characterize CSO impacts and the efficacy of CSO controls.

EPA's publication "Guidance for Nine Minimum Controls" gives examples of actions that might be considered for each of the controls and lists information to be included in documentation.

EPA, which will be reviewing the reports to confirm that a community has implemented the controls, is looking to the individual communities to select their own appropriate level of implementation and justify those selections in the report.

For further information on the nine minimum controls or the CSO program, contact Brian Pitt, EPA Region 1, New England CSO Coordinator at 617.565.4179.

### **Ink without solvents/VOCs?**

It's here. The Massachusetts Toxic Use Reduction Institute and the NEEATeam's printing lead Anne Leiby have been working with the printing industry to find ways to reduce the amount of solvents being used. Printers taking part in a pilot program will be using a new vegetable-oil-based, water-washable ink system that eliminates VOCs. A report will be issued later in the year on the effectiveness of the process.

### **Model metal finishing facility wanted!**

The NEEATeam is working with state technical assistance providers in New Hampshire on a model facilities project. A free energy efficiency and pollution prevention assessment will be offered to a New Hampshire metal finisher. Also, a video will be produced that highlights pollution prevention solutions to environmental issues faced by metal finishers. This is an opportunity for proactive New Hampshire companies to have their operations showcased! For more information on the project call NEEATeam metal finishing contacts Linda Darveau or Joan Jouzaitis at 1.800.90NEEAT.

### **Printed circuit board news**

Under an EPA grant, the Northeast Waste Management Officials Association (NEWMOA) will identify inconsistencies in environmental regulations faced by printed circuit board manufacturers and hold a forum to discuss possible solutions. Additionally, the NEEATeam will hold workshops in Connecticut, Massachusetts and New Hampshire to provide information to printed wire board manufacturers on environmental regulations, assistance programs and pollution prevention technologies. NEEATeam computer & electronics leads Christine Bonica and Andrew Miniuks are working with NEWMOA on this project.

### **All you wanted to know (& more) about wastewater discharge permits!**

NEEATeam municipality lead Jack Healey and the MA Department of Environmental Protection sponsored a wastewater discharge permit (NPDES) course for municipal officials. The first workshop was held on April 2 at the Millbury Training Center in Millbury. Topics included the permit issuance process and reporting requirements. More workshops to follow.

### **Environmental awareness workshops for municipal officials**

Staff from the Maine Department of Environmental Protection and EPA's Jack Healey have developed an environmental awareness workshop for municipal managers and elected officials. The agenda is based on the results of a "needs survey" completed by municipal officials last summer. The workshop will:

- present municipal and elected officials with the environmental information they need to plan and budget;
- address the benefits and importance of pollution prevention; and
- increase their awareness of current environmental issues.

Workshops will be offered in:

**Lewiston - May 14**

**Bangor - May 15**

**Presque Isle - May 30**

Similar training is being planned for NH in June or July at locations to be determined later this spring. For more information call Jack Healey.

## **AROUND THE REGION**

The HADCO Corporation of Salem, NH, is the first company in New England selected to participate in EPA's Project XL. Project XL (Excellence in Leadership), a national initiative announced by President Clinton last year, allow for real world tests of innovative strategies that achieve cleaner and cheaper environmental results than conventional regulatory approaches.

HADCO manufactures printed wire boards that serve as a building base for computers and other electronic equipment. The company currently generates a wastewater treatment sludge that is a listed hazardous waste, but company officials believe this copper-laden material should be directly shipped to recycling facilities rather than managed as a hazardous waste. HADCO is working with EPA Regions 1, 2 and 9; the states of NH, NY and CA; and interested parties to develop a project agreement that will provide regulatory flexibility to make this happen.

HADCO's project is expected to cut through the time-consuming and costly process required under the current regulations for handling and disposal of hazardous wastes.

For more information on Project XL contact George Hawkins of EPA Region 1, New England at 617.565.9125. More on Project XL in an upcoming issue of Pollution Prevention & the Bottom Line.

## FROM THE CAPITAL

### Training Required For Purchasers Of Certain Sewer Pesticides

After March 1, only certified pesticide applicators may purchase and apply metam sodium sewer products used in the control of tree roots in sewer lines. The regulation is being implemented to make the product safer. Stocks of metam sodium sewer products purchased before March 1 may be used until the products are gone.

EPA has received reports of people becoming ill when metam sodium products inadvertently entered their

homes through treated sewer pipes. Exposure to metam sodium may result in irritation to the skin and lungs and has been shown to pose reproductive and carcinogenic hazards in test animals.

Individuals can be certified by completing special training programs offered in each state on the proper use and handling.

For information on training or certification, call your state pesticide office, or call EPA's pesticide assistance line, at 1.800.858.7378 for general information.

## MARK YOUR CALENDAR

### NEED TO KNOW ABOUT TRI?

If so, attend one of the eight free workshops that EPA is sponsoring in New England on the toxic release reporting requirements of the Emergency Planning and Community-Right-to-Know Act (EPCRA).

Owners, environmental managers, or environmental consultants/engineers from a manufacturing facility filing a TRI report for the first time should attend the full-day session that is targeted to first-time reporters. The workshop will cover all the basic planning and reporting requirements, regulatory changes and pollution prevention programs. Listed below are the dates for the full-day offering:

May 29, 1996  
Biltmore Hotel  
Providence, RI

June 19, 1996  
Marriott Hotel  
Trumbull, CT

Six half-day workshops will be offered throughout New England for manufacturing facility staff that have previously reported to the Toxics Release Inventory (TRI). These sessions will cover reporting changes for 1995, new guidance, chemical additions and deletions, automated reporting and accessing EPA via the Internet. These sessions are as follows:

May 15, 1996  
Holiday Inn  
New Bedford, MA

May 21, 1996  
Sheraton Hotel  
Springfield, MA

June 5, 1996  
Sheraton Inn  
Lowell, MA

June 12, 1996  
The Brattleboro Inn and Conference Center  
Brattleboro, VT

## NET NEWS

Next time you're on the internet come visit EPA's home page! Once there you can visit our Headquarters in Washington, D.C.; EPA Region 1, New England; or one of our other nine regional offices.

On the Headquarters' Page, use the search feature to easily find the topics of interest to you. Or click on a variety of topic categories such as Environmental Financing; Rules, Regulations & Legislation; EPA Publications; or Other Internet Resources, along with many others.

You can find our Washington office at the following World Wide Web address:

<http://www.epa.gov>

or go directly to EPA Region 1, New England, located at:

<http://www.epa.gov/region01>

June 18, 1996  
Holiday Inn  
Hartford, CT

June 26, 1996  
Ramada Conference Center  
Lewiston, ME

For more information contact EPA's EPCRA program at 617.565.3240.

TRI is a database of annual toxic releases from certain manufacturers as required under EPCRA. Manufacturers must report annually on 650 chemicals and chemical categories they release into the air, water or land, inject underground, or transfer to off-site facilities.

## MEET THE NEEATEAM

### Municipalities

Jack Healey 617.565.3542  
HEALEY.JACK@EPAMAIL.EPA.GOV

Charles Conway 617.565.3517  
CONWAY.CHARLES@EPAMAIL.EPA.GOV

### Metal Finishing

Linda Darveau 617.565.4993  
DARVEAU.LINDA@EPAMAIL.EPA.GOV

Joan Jouzaitis 617.565.9009  
JOUZAITIS.JOAN@EPAMAIL.EPA.GOV

### Computers & Electronics

Christine Bonica 617.565.3251  
BONICA-CHRISTINE@EPAMAIL.EPA.GOV

Andrew Miniuks 617.565.3049  
MINIUKS-ANDREW@EPAMAIL.EPA.GOV

### Printing

Anne Leiby 617.565.4974  
LEIBY-ANNE@EPAMAIL.EPA.GOV

### Team Leaders

Abby Swaine 617.565.4523  
SWAINE.ABBY@EPAMAIL.EPA.GOV

Mark Mahoney 617.565.1155  
MAHONEY.MARK@EPAMAIL.EPA.GOV

To be added to the NEEAT Notes mailing list or to  
notify us of a change of address please contact:

Chris Jendras 617.565.3283  
JENDRAS-CHRIS@EPAMAIL.EPA.GOV

Our mailing address is:  
NEEATeam  
EPA Region 1, New England  
SPN  
JFK Federal Building  
Boston, MA 02203

Toll free assistance line:  
1.800.90NEEAT  
(1.800.906.3328)

Fax: 617.565.1141



NEEATeam  
EPA Region 1, New England  
SPN  
JFK Federal Building  
Boston, MA 02203

First Class Mail  
Postage and Fees  
PAID  
Permit G-35